

SEQUENCE LISTING

<110> ADAMS, Jerry Leroy  
BRYAN, Deborah L.  
KASparec, Jiri  
KING, Francis David  
TAKLE, Andrew Kenneth  
WILSON, David Matthew  
GOODMAN, Steven Neal

<120> CHEMICAL COMPOUNDS

<130> P51379

<140> 10/533,832  
<141> 2005-05-03

<150> PCT/US2003/035588  
<151> 2003-11-06

<150> 60/424,223  
<151> 2002-11-06

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1  
<211> 17  
<212> PRT  
<213> Homo sapien

<400> 1  
Leu Glu Ala Arg Leu Val Ala Tyr Glu Gly Trp Val Ala Gly Lys Lys  
1 5 10 15  
Lys

<210> 2  
<211> 10  
<212> PRT  
<213> Homo sapien

<400> 2  
Arg Phe Trp Lys Tyr Glu Phe Trp Arg His  
1 5 10

<210> 3  
<211> 16  
<212> PRT  
<213> Homo sapien

<400> 3  
Glu Glu Glu Glu Tyr Phe Glu Leu Val Ala Lys Lys Lys Lys Asn His  
1 5 10 15

<210> 4  
<211> 713  
<212> PRT  
<213> Homo sapien

<400> 4  
Met Ser Pro Ile Leu Gly Tyr Trp Lys Ile Lys Gly Leu Val Gln Pro  
1 5 10 15  
Thr Arg Leu Leu Leu Glu Tyr Leu Glu Glu Lys Tyr Glu Glu His Leu  
20 25 30  
Tyr Glu Arg Asp Glu Gly Asp Lys Trp Arg Asn Lys Lys Phe Glu Leu  
35 40 45  
Gly Leu Glu Phe Pro Asn Leu Pro Tyr Tyr Ile Asp Gly Asp Val Lys  
50 55 60  
Leu Thr Gln Ser Met Ala Ile Ile Arg Tyr Ile Ala Asp Lys His Asn  
65 70 75 80  
Met Leu Gly Gly Cys Pro Lys Glu Arg Ala Glu Ile Ser Met Leu Glu  
85 90 95  
Gly Ala Val Leu Asp Ile Arg Tyr Gly Val Ser Arg Ile Ala Tyr Ser  
100 105 110  
Lys Asp Phe Glu Thr Leu Lys Val Asp Phe Leu Ser Lys Leu Pro Glu  
115 120 125  
Met Leu Lys Met Phe Glu Asp Arg Leu Cys His Lys Thr Tyr Leu Asn  
130 135 140  
Gly Asp His Val Thr His Pro Asp Phe Met Leu Tyr Asp Ala Leu Asp  
145 150 155 160  
Val Val Leu Tyr Met Asp Pro Met Cys Leu Asp Ala Phe Pro Lys Leu  
165 170 175  
Val Cys Phe Lys Lys Arg Ile Glu Ala Ile Pro Gln Ile Asp Lys Tyr  
180 185 190  
Leu Lys Ser Ser Lys Tyr Ile Ala Trp Pro Leu Gln Gly Trp Gln Ala  
195 200 205  
Thr Phe Gly Gly Asp His Pro Pro Lys Ser Asp Leu Leu Val Pro  
210 215 220  
Arg Gly Ser Pro Glu Phe Lys Gly Leu Pro Gly Glu Val Pro Leu Glu  
225 230 235 240  
Glu Gln Cys Glu Tyr Leu Ser Tyr Asp Ala Ser Gln Trp Glu Phe Pro  
245 250 255  
Arg Glu Arg Leu His Leu Gly Arg Val Leu Gly Tyr Gly Ala Phe Gly  
260 265 270  
Lys Val Val Glu Ala Ser Ala Phe Gly Ile His Lys Gly Ser Ser Cys  
275 280 285  
Asp Thr Val Ala Val Lys Met Leu Lys Glu Gly Ala Thr Ala Ser Glu  
290 295 300  
Gln Arg Ala Leu Met Ser Glu Leu Lys Ile Leu Ile His Ile Gly Asn  
305 310 315 320  
His Leu Asn Val Val Asn Leu Leu Gly Ala Cys Thr Lys Pro Gln Gly  
325 330 335  
Pro Leu Met Val Ile Val Glu Phe Cys Lys Tyr Gly Asn Leu Ser Asn  
340 345 350  
Phe Leu Arg Ala Lys Arg Asp Ala Phe Ser Pro Cys Ala Glu Lys Ser  
355 360 365  
Pro Glu Gln Arg Gly Arg Phe Arg Ala Met Val Glu Leu Ala Arg Leu  
370 375 380  
Asp Arg Arg Arg Pro Gly Ser Ser Asp Arg Val Leu Phe Ala Arg Phe  
385 390 395 400  
Ser Lys Thr Glu Gly Gly Ala Arg Arg Ala Ser Pro Asp Gln Glu Ala  
405 410 415  
Glu Asp Leu Trp Leu Ser Pro Leu Thr Met Glu Asp Leu Val Cys Tyr  
420 425 430  
Ser Phe Gln Val Ala Arg Gly Met Glu Phe Leu Ala Ser Arg Lys Cys

435	440	445
Ile His Arg Asp Leu Ala Ala Arg Asn Ile Leu Leu Ser Glu Ser Asp		
450	455	460
Val Val Lys Ile Cys Asp Phe Gly Leu Ala Arg Asp Ile Tyr Lys Asp		
465	470	475
Pro Asp Tyr Val Arg Lys Gly Ser Ala Arg Leu Pro Leu Lys Trp Met		
485	490	495
Ala Pro Glu Ser Ile Phe Asp Lys Val Tyr Thr Thr Gln Ser Asp Val		
500	505	510
Trp Ser Phe Gly Val Leu Leu Trp Glu Ile Phe Ser Leu Gly Ala Ser		
515	520	525
Pro Tyr Pro Gly Val Gln Ile Asn Glu Glu Phe Cys Gln Arg Leu Arg		
530	535	540
Asp Gly Thr Arg Met Arg Ala Pro Glu Leu Ala Thr Pro Ala Ile Arg		
545	550	555
Arg Ile Met Leu Asn Cys Trp Ser Gly Asp Pro Lys Ala Arg Pro Ala		
565	570	575
Phe Ser Glu Leu Val Glu Ile Leu Gly Asp Leu Leu Gln Gly Arg Gly		
580	585	590
Leu Gln Glu Glu Glu Val Cys Met Ala Pro Arg Ser Ser Gln Ser		
595	600	605
Ser Glu Glu Gly Ser Phe Ser Gln Val Ser Thr Met Ala Leu His Ile		
610	615	620
Ala Gln Ala Asp Ala Glu Asp Ser Pro Pro Ser Leu Gln Arg His Ser		
625	630	635
Leu Ala Ala Arg Tyr Tyr Asn Trp Val Ser Phe Pro Gly Cys Leu Ala		
645	650	655
Arg Gly Ala Glu Thr Arg Gly Ser Ser Arg Met Lys Thr Phe Glu Glu		
660	665	670
Phe Pro Met Thr Pro Thr Thr Tyr Lys Gly Ser Val Asp Asn Gln Thr		
675	680	685
Asp Ser Gly Met Val Leu Ala Ser Glu Glu Phe Glu Gln Ile Glu Ser		
690	695	700
Arg His Arg Gln Glu Ser Gly Phe Arg		
705	710	